

Mallard Creek Polymers ROVENEÂ® 4180 SBR Latex

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Styrene Butadiene Rubber

Material Notes:

ROVENEÂ® 4180 is a carboxylated styrene-butadiene emulsion that has a firm hand with excellent strength properties. This binder is a low VOC containing latex that is cross-linkable with external cross-linking agents. ROVENEÂ® 4180 can be compounded to high solids using calcium carbonate, clays, and alumina trihydrate as fillers; sodium polyacrylate thickeners are commonly used to obtain the required application viscosity. ROVENEÂ® 4180 imparts good wet/dry tensile strength, and has good adhesion to a wide variety of surfaces. This product is recommended for a wide variety of applications, including those that require water resistance. APPLICATIONS: ROVENEÂ® 4180 is recommended for use in industrial coatings, paper saturation/coatings, laminations, water resistant coatings, and specialty nonwoven/textile applications. Information provided by Mallard Creek Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mallard-Creek-Polymers-ROVENE-4180-SBR-Latex.php

Physical Properties	Metric	English	Comments
Solids Content	54.5 - 55.5 %	54.5 - 55.5 %	
Particle Size	0.18 Âµm	0.18 Âµm	
pH	7.0 - 7.5	7.0 - 7.5	
Brookfield Viscosity	200 - 1500 cP	200 - 1500 cP	#2/20 rpm

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	12.0 Â°C	53.6 Â°F	

Chemical Properties	Metric	English	Comments
Styrene Content	62 %	62 %	

Descriptive Properties	Value	Comments
Emulsifiers	Anionic	

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